

Rabbit NPY1R Polyclonal Antibody | anti-NPY1R antibody

NPY1R Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325603	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

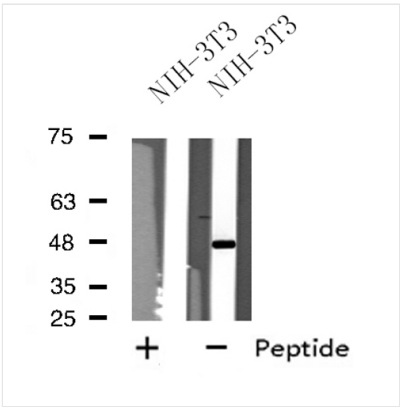
PRODUCT SYNONYMS

NPY1R; Polyclonal Antibody; NPY1R Antibody; Neuropeptide Y receptor type 1; Neuropeptide Y receptor Y1; NPY1-R; NPY1R_HUMAN; NPYR; NPY1; anti-NPY1R antibody

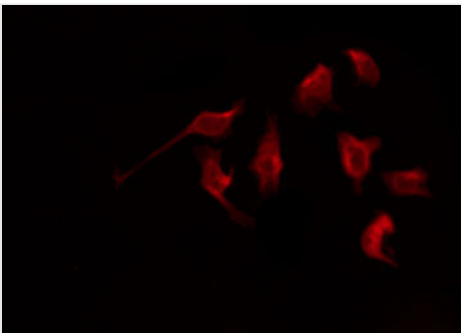
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NPY1R antibody detects endogenous levels of total NPY1R
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	384
Applicable Applications for anti-NPY1R antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (91%), Horse (91%), Rabbit (100%), Dog (100%), Chicken (82%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

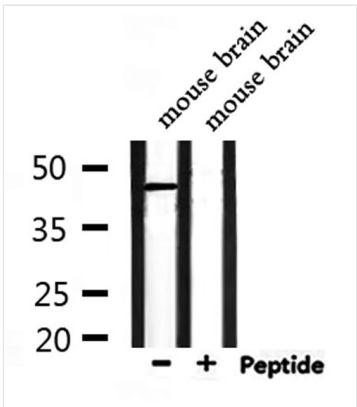
IMAGES



WB (Western Blot)
Western blot analysis of extracts from NIH-3T3 cells, using NPY1R antibody.



IF (Immunofluorescence)
AAA325603 staining NIH-3T3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from mouse brain, using NPY1R Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NPY1R antibody	Function: Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is NPY > [Pro-34] PYY, PYY and [Leu-31, Pro-34] NPY > NPY (2-36) > [Ile-31, Gln-34] PP and PYY (3-36) > PP > NPY free acid. Similarity: Belongs to the G-protein coupled receptor 1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505445
NCBI GeneID	4886
NCBI Accession #	NP_000900.1
NCBI GenBank Nucleotide #	NM_000909.5
UniProt Accession #	P25929; B2R6H5
Molecular Weight	Observed: 48 kD Predicted: 45 kDa
NCBI Official Full Name	neuropeptide Y receptor type 1
NCBI Official Synonym Full Names	neuropeptide Y receptor Y1
NCBI Official Symbol	NPY1R

NCBI Official Synonym Symbols	NPYR; NPY1-R
NCBI Protein Information	neuropeptide Y receptor type 1
UniProt Protein Name	Neuropeptide Y receptor type 1
UniProt Gene Name	NPY1R
UniProt Synonym Gene Names	NPYR; NPYY1; NPY1-R

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/npy1r-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325603>